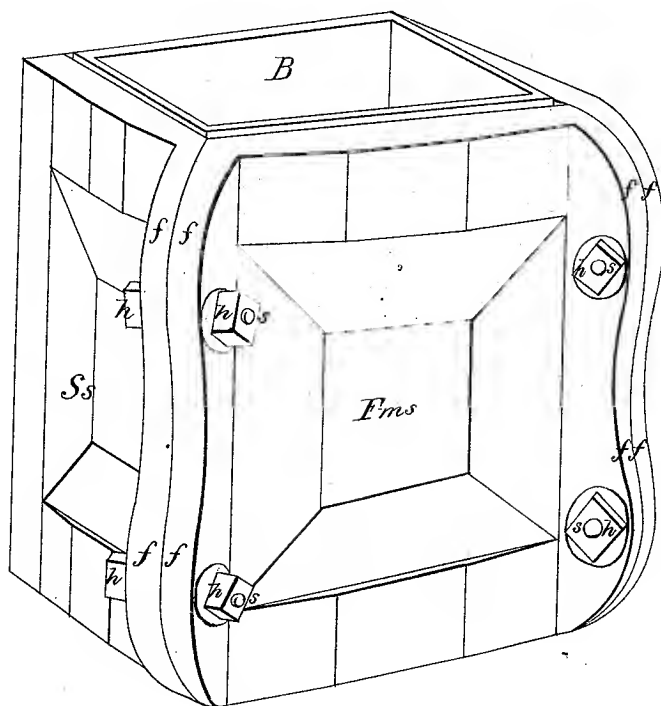


G. D. Allen,
Tobacco Press,
No 250, *Patented June 30, 1837.*



Witnesses
James Bisher
John Over
W. H. Hall

Inventor:
Charles D. Allen

UNITED STATES PATENT OFFICE.

GRANVILLE D. ALLEN, OF RICHMOND, VIRGINIA.

IMPROVEMENT IN CAST-IRON PRESS-CASES FOR TOBACCO.

Specification forming part of Letters Patent No. 250, dated June 30, 1837.

To all whom it may concern:

Be it known that I, GRANVILLE D. ALLEN, of the city of Richmond, county of Henrico, and State of Virginia, have invented a new and improved mode of sustaining lateral pressure on tobacco or other substances which may be prized or packed in boxes or other vehicles of a square or rectangular shape, of which the following is a specification.

The nature of my invention consists in providing a case to contain the box, composed of cast-iron, having four sides, two of which are connected permanently together at right angles, and the other two sides connected with each other and with the first two sides by screw-bolts or key-bolts through iron flanges or ears at each of the remaining three angles of the said case. The said flanges or ears are to be diagonal, or at an angle of forty-five degrees with the sides of the said case, and are to be two in number on each side at each of the said three angles.

To enable others skilled in the art of manufacturing tobacco or prizing any substance into square boxes to make and use my invention, I will describe its construction and operation.

For prizing a box of tobacco, say from twelve to twenty-two inches long and from twelve to fifteen inches in external diameter, I make the case twenty-one inches high, and the sides of such width that when the parts are closely connected at the angles the internal diameter shall not be more than thirteen inches. The thickness of the sides of the case and of the

flanges or ears should be about two and one-fourth inches. The two sides, which are permanently connected, form one angle. At the other three angles the flanges or ears are so placed that the center of the holes through them shall be at about four inches from either end of the sides. Of course there will be two flanges or ears attached to each of the sides at each of the said three angles. The bolts should be of good tough malleable wrought-iron. When the sides are put together and the box put within the case, the bolts are inserted through the holes and the nuts screwed up, so as to make the case fit the box on every side. When the tobacco is prized, it is only necessary to remove one side of the case, weighing from one hundred and fifty to two hundred pounds, in order to take the box from under the press.

What I claim as my invention, and desire to secure by Letters Patent, is—

The press-case with diagonal flanges or ears connected by screw or key bolts. These flanges or ears preserve the rectangular shape of the case, and enable it to be so adjusted to the box as to bind it in all its parts in a more perfect manner than is done by any other mode now in use known to me.

GRANVILLE D. ALLEN.

Witnesses:

JAMES BOSHER,
JOHN DOVE,
J. H. WATTHALL.